

AT2B3 Rabbit pAb

CatalogNo: YN1063

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB,ELISA

MW

- 134kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 140-220

Specificity AT2B3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name ATP2B3

Protein Name	Plasma membrane calcium-transporting ATPase 3 (PMCA3) (Plasma membrane calcium ATPase isoform 3) (Plasma membrane calcium pump isoform 3)		
	Organism	Gene ID	UniProt ID
	Human	492;	Q16720;
	Rat		Q64568;
Cellular Localization	Cell membrane ; Multi-pass membrane protein . Cell junction, synapse, presynaptic cell membrane ; Multi-pass membrane protein . Localized at parallel fiber terminals. .		
Tissue specificity	Highly expressed in the cerebellum (PubMed:8187550). Expressed in adrenal glands (PubMed:27035656).		
Function	Alternative products:There is a combination of two alternatively spliced domains at N-terminal site A (X and Z) and at C-terminal site C (A, B, E and G). The splice sites have mostly been studied independently. Full isoforms so far detected are isoform XA and isoform XB. Experimental confirmation may be lacking for some isoforms,Catalytic activity:ATP + H(2)O + Ca(2+)(Cis) = ADP + phosphate + Ca(2+)(Trans).,Function:This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium out of the cell.,similarity:Belongs to the cation transport ATPase (P-type) family. Type IIB subfamily.,tissue specificity:Isoforms XE and XB are the most abundant isoforms and are detected at low levels in brain and fetal skeletal muscle. The other isoforms are only found at lower levels and not in fetal tissues.,		

| Validation Data

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: http://www.immunoway.com
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
 to access additional
 product information:
AT2B3 Rabbit pAb